| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| L1 | 0 | (polar\$6)with(digital near signal)with(invert\$5)with (shift near signla) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:31 |
| L2 | 0 | (polar\$6)with(digital near signal)with(invert\$5)same (shift near signla) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:32 |
| L3 | 0 | (shift near signla)same(invert\$6)with(digital near signal)with(polarity\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:33 |
| L4 | 3 | (shift near signal)same(invert\$6)with(digital near signal)with(polarity\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:40 |
| L5 | 1 | (shift adj signal)same(polar\$6)with(digital near signal)with(invert\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:43 |
| L6 | 0 | (shift adj signal)same(polar\$6)with(digital near signal)with(invert\$4)same (switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:43 |
| L7 | 1 | (shift adj signal)same(polar\$6)with(digital near signal)with(invert\$4)and (switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:47 |
| L8 | 8 | (shift adj signal)and(polar\$6)with(digital near signal)with(invert\$4)and (switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:48 |
| L9 | 8 | (polar\$6)with(digital near signal)with(invert\$4)and(shift:adj signal)and (switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 13:48 |

| L10 | 7 | (invert\$6)with(digital near signal)with(polar\$4)and(shift adj signal)and (switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:21 |
|-----|-------|--|---|----|----|------------------|
| L11 | 6 | (polar\$6)with(digital near signal)with(switch\$4)and(shift adj signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:33 |
| L12 | 268 | (polar\$6)with(digital near signal)with(switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:40 |
| L13 | 268 | (polar\$6)with(digital near signal)with(switch\$4)with (signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:34 |
| L14 | 0 | (polar\$6)with(digital near signal)with(switch\$4)with (shift adj signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:34 |
| L15 | 66944 | "345"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:35 |
| L16 | 15 | 13 and 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:40 |
| L17 | 218 | (polar\$6)with(digital adj signal)with(switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:40 |
| L18 | 218 | 13 and 17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:40 |
| L19 | 9 | 15 and 17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/16 14:40 |

| L20 | 8 | ("5510748" "5578957" | US-PGPUB; | OR | ON | 2005/08/16 14:41 |
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| | | "5604510" "5625373" | USPAT; | | | |
| | | "5812104" "6008801" "6049321" "6259425").PN. | USOCR | | | |